

SAFETY DATA SHEET

Section 1: IDENTIFICATION

Product Name: LUBRA-GLIDE®
Chemical Family: Drilling fluid additive
Usage: Friction Reducer
Formula: Proprietary Co-Polymer Inert Composition
Manufacturer/Supplier: Bri-Chem Supply Ltd.
27075 Acheson Road
Acheson, AB T7X 6B1
Phone Number: 780-962-9490
Emergency Phone: CHEMTREC 1-800-424-9300

Section 2: HAZARD(S) IDENTIFICATION

Classification: Not classified as hazardous under the criteria of the Globally Harmonized System of Classification & Labelling of Chemicals (GHS), the United States 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200), or the Canadian Hazardous Products Regulation (HPR), as implemented under the Workplace Hazardous Materials Information System (WHMIS 2015).

Labelling

Symbol: No symbol
Signal Word: NA
Hazard Statement: NA
Precautionary Statements: NA

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	Percent	CAS Number	PEL
Copolymer Beads	100%	9052-95-3	None Established

THIS PRODUCT IS NOT CONSIDERED HAZARDOUS AS PER OSHA 29CFR 1910.1200. THERE ARE NO ADDITIONAL HAZARDS EXPECTED UNDER NORMAL CONDITIONS OF USE.

The criteria for listing components in the composition are as follows: Carcinogens are listed when present at 0.1% or greater; components which are otherwise hazardous according to OSHA are listed when present at 1.0% or greater. Non-hazardous components may be listed at 3.0% or greater if not proprietary in nature. This is not intended to be complete compositional disclosure. Refer to section 14 for applicable states right-to-know and other regulatory information.

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Appearance/Odor:	Clear to white bead/mild odor
Short Term Exposure	
General:	No significant adverse health effects are expected to develop with normal use.
Eyes:	Slight to moderate mechanical irritant on direct contact.
Skin:	Persons with pre-existing skin disorders may experience slight irritation.
Inhalation:	No adverse effects with normal use.
Ingestion:	No significant adverse health effects are expected to develop if only small amounts (less than a mouthful) are swallowed.

Section 4: FIRST-AID MEASURES

Eye Contact:	In case of eye contact, flush immediately with Water for a minimum of 5 minutes; seek medical attention if contact irritation persists. If individual beads cannot be removed from the surface of the eye by flushing, they may need to be removed manually to reduce risk of contact corneal abrasion.
Skin Contact:	If repeated prolonged contact with skin results in irritation, wash thoroughly with soap and water.
Inhalation:	If affected by inhalation, remove to fresh air.
Ingestion:	If swallowed, do not induce vomiting; seek immediate medical attention.

Section 5: FIRE-FIGHTING MEASURES

Flashpoint:	Auto ignition > 500°C
Extinguishing Media:	Water, foam, dry agent.
Thermal Decomposition Products:	Nitrogen and Carbon Oxides
Lower Flame Limit:	NA
Higher Flame Limit:	NA
Unusual Fire and Explosion Hazards:	None known
Fire Fighting Equipment:	Fire Fighters and others exposed to products of combustion should wear self-contained breathing apparatus. Equipment should be thoroughly decontaminated after use.

Section 6: ACCIDENTAL RELEASE MEASURES

Chemical Emergency Number (24 Hours):	CHEMTREC 1-800-424-9300 USA/Canada
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Spill: In case of spill, if product cannot be collected for reuse by sweeping or vacuum, dispose of in accordance with applicable regulations. Product as sold is a nonhazardous solid industrial waste. Avoid spillage into drains, surface, and ground water.

RCRA Status: Not regulated

Section 7: HANDLING AND STORAGE

Handle in accordance with good industrial hygiene and safety practices. These practices include avoiding unnecessary exposure and prompt removal of material from eyes, skin, and clothing. Good housekeeping is essential in reducing possible slipping or dust hazards.

Handling and Storage: No special storage requirements. Provide sufficient general ventilation during and after application. Close packaging after each use to prevent contamination. Avoid prolonged or repeated contact with skin, eyes and clothing. After handling this product, wash hands before eating, drinking, or smoking. If necessary, take first aid action shown in Section 4.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

General Considerations: Consider the potential hazards of this material (see section 3), applicable exposure limits, job activities, and other substances in the work place when designing engineering controls and selecting protective equipment.

Eye Protection: Use close-fitting safety glasses, goggles or safety glasses with face shield to prevent beads from contacting eye and causing contact irritation.

Respiratory Protection: Not normally needed. Use NIOSH approved respirator if exposure is unknown or exceeds any permissible limits.

Protective Gloves: Wear impervious gloves.

Ventilation: General or local exhaust recommended if used in enclosed locations.

Use NIOSH/MSHA approved respiratory protection equipment when airborne exposure limits are exceeded (see below). Consult the respirator manufacturer to determine appropriate type of equipment for a given application. Observe respirator use limitations specified by NIOSH/MSHA or the manufacturer. Respiratory protection programs must comply with 29 CFR 1910.134.

Ventilation Notes: Provide general or local ventilation to control exposure levels below airborne exposure limits (see below). The use of local mechanical exhaust ventilation is preferred at sources of air contamination such as open process equipment. Consult NFPA Standard 91 for design of exhaust systems.

Threshold Limit Value: None established for this Product.

Protective Equipment: HMIS PERSONAL PROTECTION: B: Safety Glasses, Gloves.

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The user should read and understand all instructions and limitations supplied with the equipment since protection is usually provided for a limited time or under certain circumstances.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State/Color/Odor:	Solid; clear to white beads; slight odor
Freezing Point:	N/A
Boiling Point:	N/A
Flammability:	N/A
Lower and Upper Explosion:	N/A
Limit/Flammability Limit:	N/A
Flashpoint:	N/A
Auto-Ignition Temperature:	N/A
Decomposition Temperature:	N/A
pH:	N/A
Kinematic Viscosity:	N/A
Solubility in Water:	Insoluble
Partition Coefficient n-Octanol/Water (Log Value):	N/A
Vapor Pressure:	N/A
Density and/or Relative Density:	N/A
Relative Vapor Density (Air=1):	N/A
Specific Gravity:	1.06

Section 10: STABILITY AND REACTIVITY

Reactivity:	N/A
Chemical Stability:	Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
Possibility of Hazardous Reactions, Including Those Associated with Foreseeable Emergencies:	None expected
Conditions to Avoid:	None known
Incompatibility:	Avoid strong oxidizing substances

Section 11: TOXICOLOGICAL INFORMATION

Acute Toxicity:	There is no evidence associating single exposure to the substance with a consistent and identifiable toxic effect.
Skin Corrosion/Irritation:	Persons with pre-existing skin disorders may experience slight contact irritation.
Serious Eye Damage/Irritation:	Beads may be a mechanical irritant to eyes on direct contact.
Germ Cell Mutagenicity:	ND
OSHA Regulated:	Not regulated
Listed Carcinogen:	No
NTP RoC:	Not listed
IARC Monographs:	Not classified
Reproductive Toxicity:	ND
STOT – Single Exposure:	There is no evidence associating single exposure to the substance with a consistent and identifiable toxic effect.
STOT – Repeated Exposure:	There is no evidence associating repeated exposure to the substance with a consistent and identifiable toxic effect.
Aspiration Hazard:	N/A

Section 12: ECOLOGICAL INFORMATION

Data from laboratory studies and from scientific literature is noted below if available.

Section 13: DISPOSAL CONSIDERATIONS

Waste Disposal:	Follow applicable governing regulations for disposal. Product is sold as nonhazardous per RCRA.
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Section 14: TRANSPORT INFORMATION

The data provided in this section is for information only. The description shown may not apply to all shipping situations. Consult 49 CFR, or appropriate regulations to properly classify your shipment for transportation.

Proper Shipping Name:	DOT Non-Regulated
Reportable Quantity:	None
Hazard Class and Label:	None
UN/NA Number:	N/A
Packaging Size:	50# Bag or 2000# SuperSacks

Section 15: REGULATORY INFORMATION

SARA 311 Categories

EPA Acute:	No
EPA Chronic:	No
EPA Ignitability:	No
EPA Reactivity:	No
EPA Sudden Release of Pressure:	No
CERCLA RQ Value:	None
SARA TPQ:	None
SARA RQ:	None
EPA Hazard Waste#:	None
Clean Air:	N/A
Clean Water:	N/A
SARA Section 313:	No
DEA Chemical Trafficking Act:	N/A
TSCA Status:	All ingredients in this product are on the TSCA Inventory List.
Canada DSL:	This Substance is Specified on the DSL.

This product is exempt from registration on the following national and international inventories, based on its characterization as an "article". The definition of article used in this characterization can be found in the text of each.

- US EPA TSCA
40CFR Section 720.22(b)(1)
- REACH (European Chemicals Agency)
IDENTIFICATION AND NAMING OF SUBSTANCES UNDER REACH
AND CLP 1.2 SCOPE

Section 16: OTHER INFORMATION

Foot Notes: N/A – Not applicable
ND – No data available
> = Greater than
< = Less than

Disclaimer:

The information contained herein is based on data available to us and is believed to be true and accurate. However, no guarantee or warranty is provided, expressed or implied, by the company or its subsidiaries regarding accuracy of the information, the hazards connected with the use of the material, or the results to be obtained from the use thereof. Since the use of this product is within the exclusive control of the user, we do not assume any responsibility and expressly disclaim any liability for any use of this product. It is the user's responsibility to determine the conditions of safe use, storage, and disposal of the product. Compliance with all applicable federal, provincial, and local regulations remains the responsibility of the user.

Prepared by: Bri-Chem Supply Ltd.

Revision Date: July 12, 2024